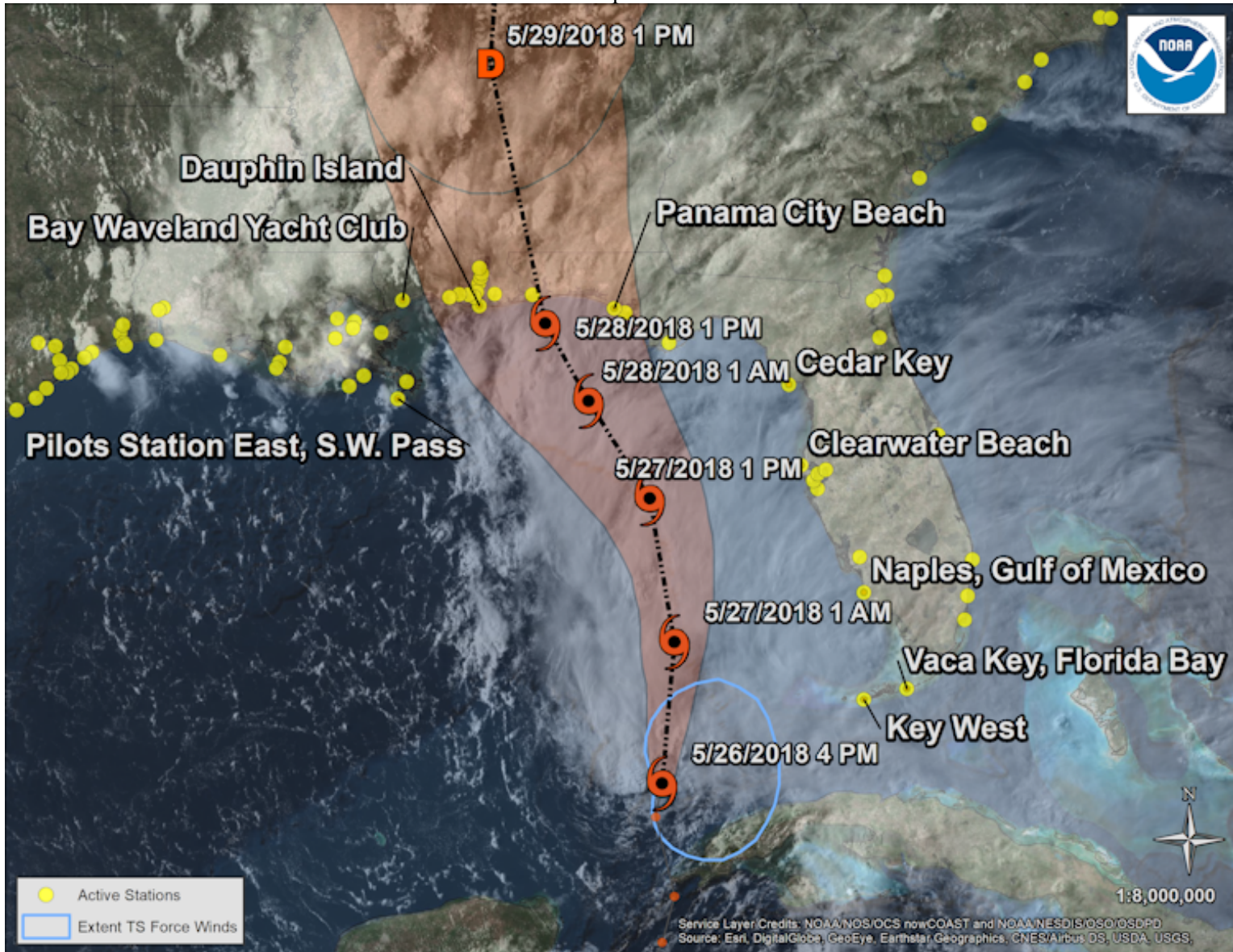




Subtropical Storm Alberto QuickLook
Posted: 17:00 CDT 05/26/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/26/2018 17:00 CDT, water levels along the west coast of Florida to Louisiana are slightly elevated above normal tide levels. Water levels from Vaca Key, FL to Pilots Station East, LA range between 0 to 1 ft above tidal predictions with the highest water level presently being observed at Cedar Key, FL.

Winds along the west coast of Florida to Louisiana range from 5 to 15 kts with gust up to 20 kts in the Florida Keys. Barometric pressure continues to fall across the Eastern Gulf of Mexico.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: RCL

Subtropical Storm Alberto Advisory Number 6

NWS National Hurricane Center Miami FL

400 PM CDT Sat May 26 2018

...ALBERTO EXPECTED TO STRENGTHEN AS IT MOVES NORTHWARD OVER THE
EASTERN GULF OF MEXICO...

...HEAVY RAINFALL CONTINUES TO SPREAD NORTHWARD OVER FLORIDA...

SUMMARY OF 400 PM CDT...2100 UTC...INFORMATION

LOCATION...23.3N 85.1W

ABOUT 95 MI...155 KM N OF THE WESTERN TIP OF CUBA

ABOUT 170 MI...275 KM SW OF THE DRY TORTUGAS

MAXIMUM SUSTAINED WINDS...40 MPH...65 KM/H

PRESENT MOVEMENT...N OR 10 DEGREES AT 13 MPH...20 KM/H

MINIMUM CENTRAL PRESSURE...999 MB...29.50 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

A Tropical Storm Warning has been issued for the west coast of the Florida peninsula from Bonita Beach to the Anclote River.

A Tropical Storm Warning has been issued for the northern Gulf Coast from the Aucilla River westward to the Mississippi/Alabama border.

The Tropical Storm Watch has been discontinued west of the Mouth of the Pearl River including Lake Pontchartrain and Lake Maurepas.

The Storm Surge Watch has been discontinued to the west of the Mouth of the Pearl River.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

- * Crystal River to the Mouth of the Pearl River

A Tropical Storm Warning is in effect for...

- * Cuban province of Pinar del Rio

- * Dry Tortugas

- * Bonita Beach to Anclote River

* Aucilla River to the Mississippi/Alabama border

A Tropical Storm Watch is in effect for...

* Mississippi/Alabama border to the Mouth of the Pearl River

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours.

For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

A Tropical Storm Watch means that tropical storm conditions are possible in the United States portion of that watch area within 48 hours.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 400 PM CDT (2100 UTC), the center of Subtropical Storm Alberto was located near latitude 23.3 North, longitude 85.1 West. The storm is moving toward the north near 13 mph (20 km/h). A slower northward or north-northeastward motion is expected tonight, followed by a north-northwest turn on Sunday, and this general motion should continue into Tuesday. On the forecast track, the center of Alberto is forecast to move over the eastern Gulf of Mexico tonight through Sunday night, and approach the northern Gulf Coast in the warning area on Monday. Heavy rainfall and tropical storm conditions will likely reach the northern Gulf Coast well before the arrival of the center of Alberto.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Gradual strengthening is forecast until the system reaches the northern Gulf Coast on Monday.

Winds of 40 mph extend outward up to 140 miles (220 km) primarily to the east of the center.

The estimated minimum central pressure is 999 mb (29.50 inches).

HAZARDS AFFECTING LAND

RAINFALL: Alberto is expected to produce total rain accumulations of 10 to 15 inches with isolated totals of 25 inches across western Cuba. These rains could produce life-threatening flash floods and mudslides. Rainfall accumulations of 3 to 7 inches with maximum amounts of 10 inches are possible across the Florida Keys and southern and southwest Florida. Heavy rains will begin to affect the central Gulf Coast region into the southeastern United States on Sunday and continue into the middle of next week as Alberto moves northward after landfall. Rainfall totals of 5 to 10 inches with maximum amounts of 15 inches are possible along the track of Alberto from eastern Louisiana, across much of Mississippi, Alabama, western Tennessee and the western Florida panhandle. Rainfall totals of 3 to 5 inches with maximum totals of 8 inches are possible from the southern Appalachians into the coastal southeast United States.

WIND: Tropical storm conditions are expected within portions of the warning area in Cuba through this evening. Tropical Storm conditions are expected in the Dry Tortugas and in the warning area along the west coast of Florida beginning Sunday. Tropical Storm conditions are expected within the warning area along the northern Gulf Coast by Sunday night. Tropical Storm conditions are possible in the watch area along the northern Gulf Coast by early Monday.

STORM SURGE: The combination of storm surge and the tide will cause

normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Crystal River to the Mouth of the Pearl River...2 to 4 ft

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: Isolated tornadoes are possible this evening and tonight across parts of west-central Florida, including the Keys.

SURF: Swells generated by Alberto are expected to spread northward along the eastern and northern Gulf Coast through Monday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 700 PM CDT.

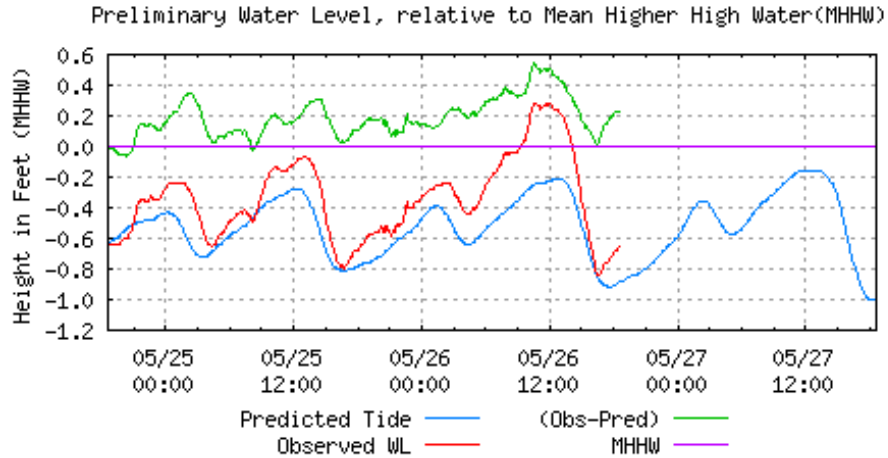
Next complete advisory at 1000 PM CDT.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Pilots Station East, S.W. Pass - Barometric](#)

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



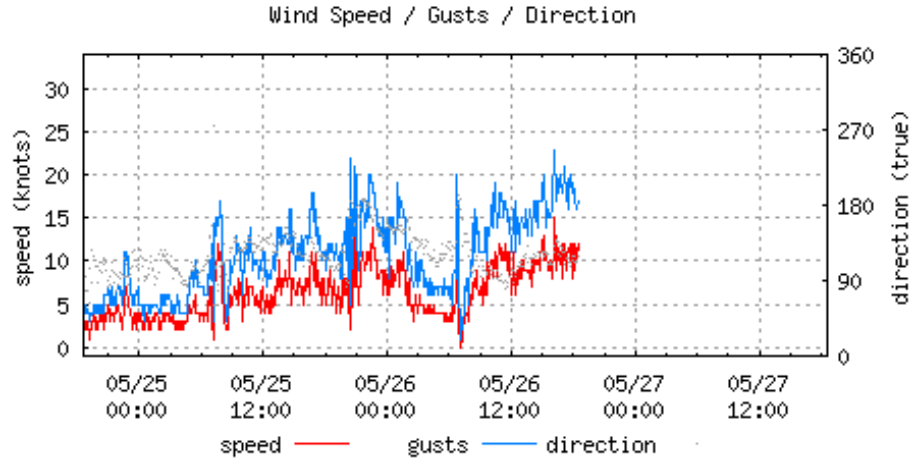
Last Observed Sample: 05/26/2018 18:30 (EDT). Data relative to MHHW

Observed: -0.65 ft. Predicted: -0.88 ft. Residual: 0.23 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 05/27/2018 02:21 (EDT), -0.35 ft.

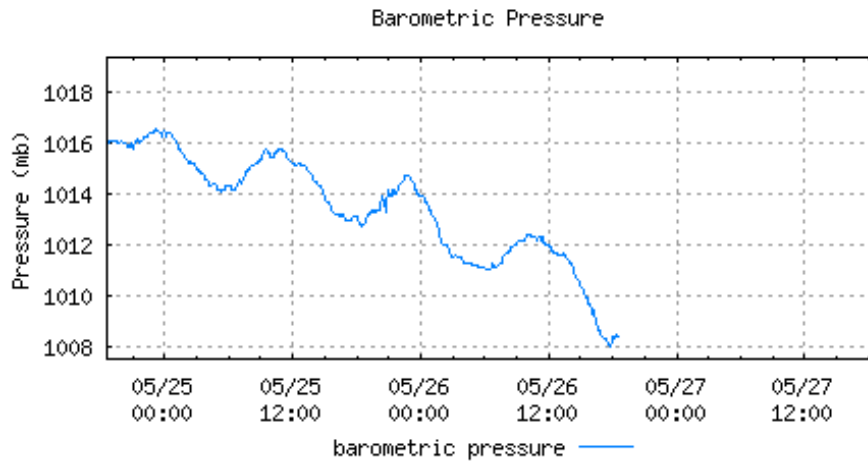
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/26/2018 18:30 (EDT)

Wind Speed: 12 knots Gusts: 17 knots Direction: 120° T

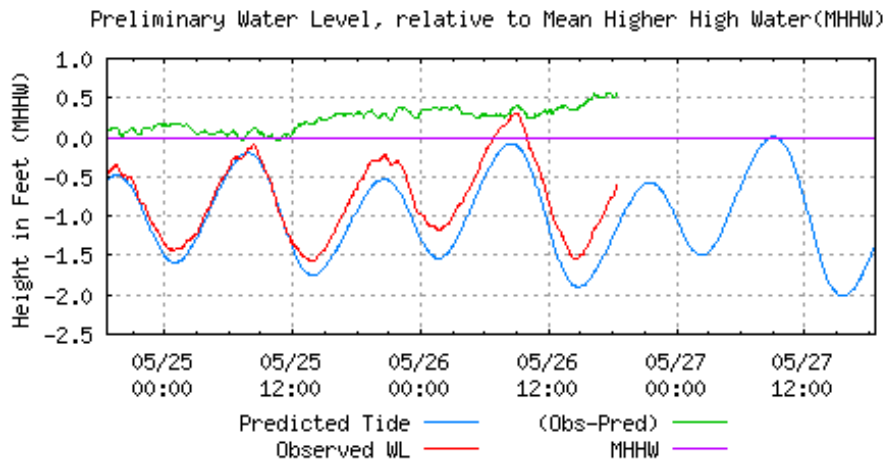
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/26/2018 18:30 (EDT)

Barometric Pressure: 1008.4 mb

NOAA/NOS/CO-OPS 8724580 Key West, FL



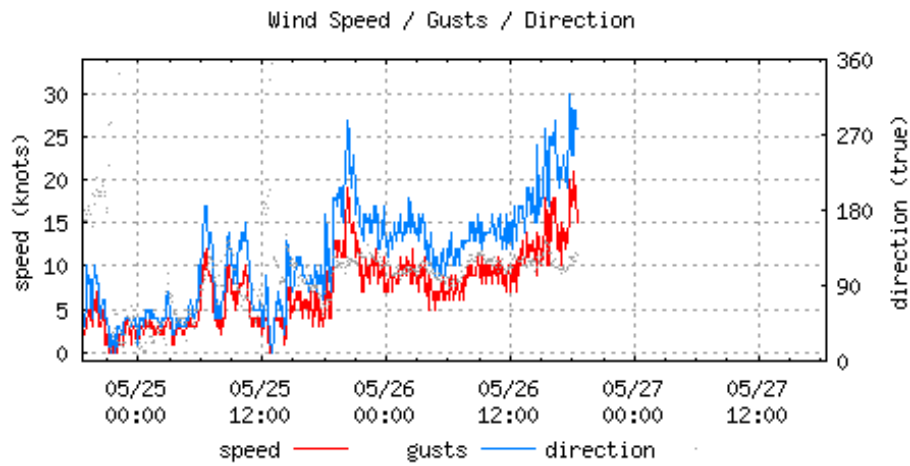
Last Observed Sample: 05/26/2018 18:36 (EDT). Data relative to MHHW

Observed: -0.57 ft. Predicted: -1.12 ft. Residual: 0.55 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 05/26/2018 21:29 (EDT), -0.57 ft.

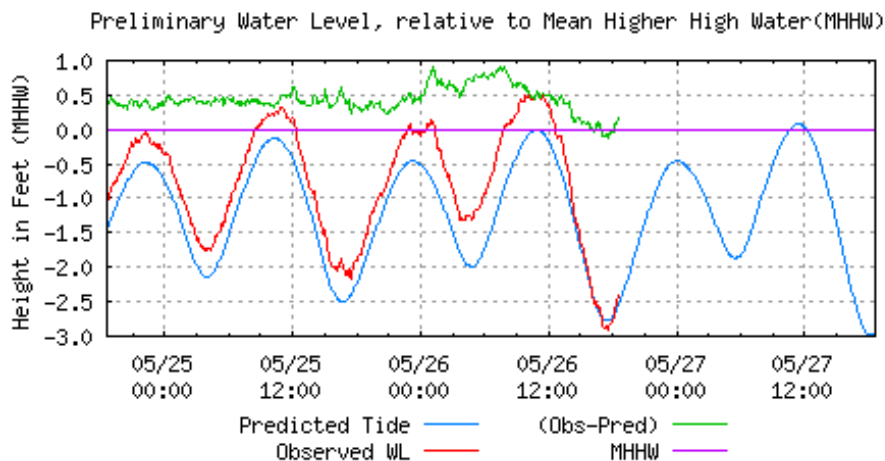
NOAA/NOS/CO-OPS 8724580 Key West, FL



Last Observed Sample: 05/26/2018 18:36 (EDT)

Wind Speed: 16 knots Gusts: 24 knots Direction: 122° T

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



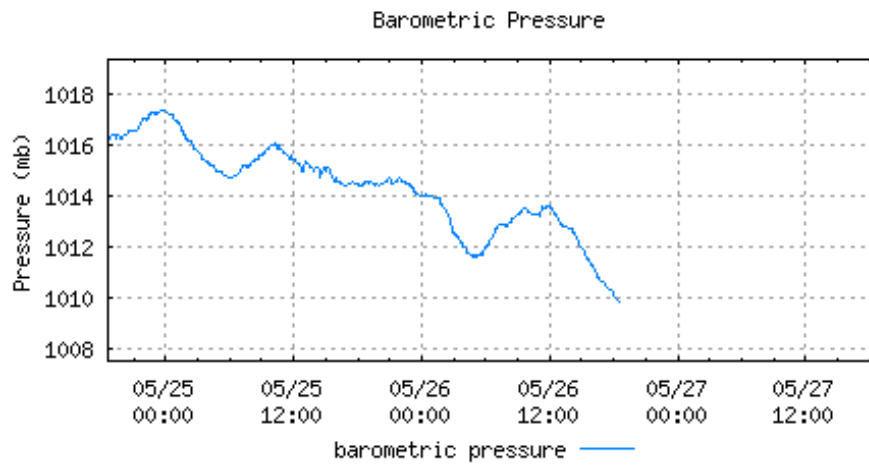
Last Observed Sample: 05/26/2018 18:30 (EDT). Data relative to MHHW

Observed: -2.40 ft. Predicted: -2.57 ft. Residual: 0.17 ft.

Historical Maximum Water Level: Dec 22 1972, 3.11 ft.

Next High Tide: 05/27/2018 00:03 (EDT), -0.45 ft.

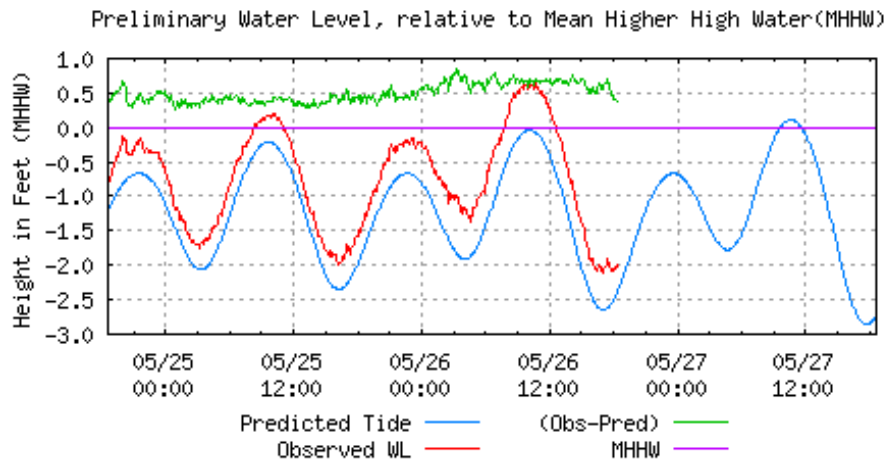
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 05/26/2018 18:30 (EDT)

Barometric Pressure: 1009.8 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



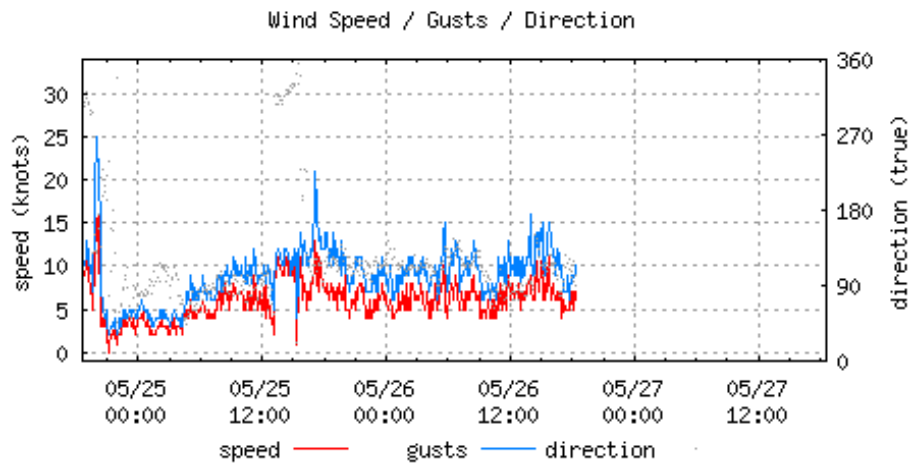
Last Observed Sample: 05/26/2018 18:30 (EDT). Data relative to MHHW

Observed: -1.87 ft. Predicted: -2.33 ft. Residual: 0.46 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/26/2018 23:35 (EDT), -0.67 ft.

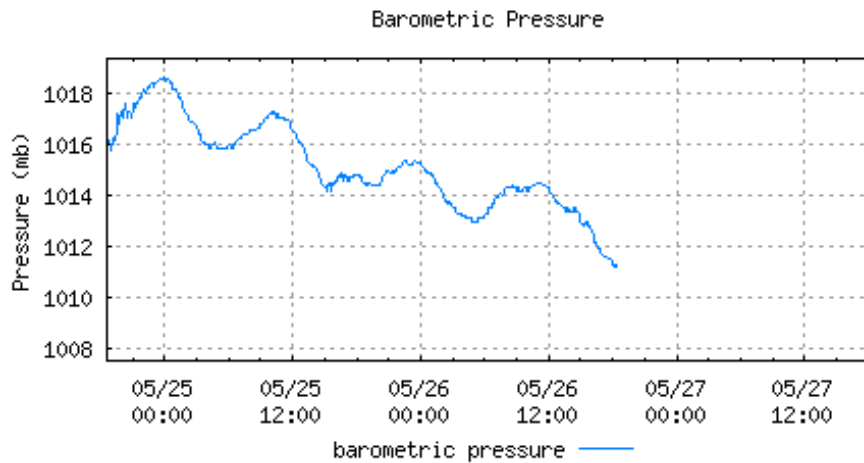
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/26/2018 18:30 (EDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 103° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

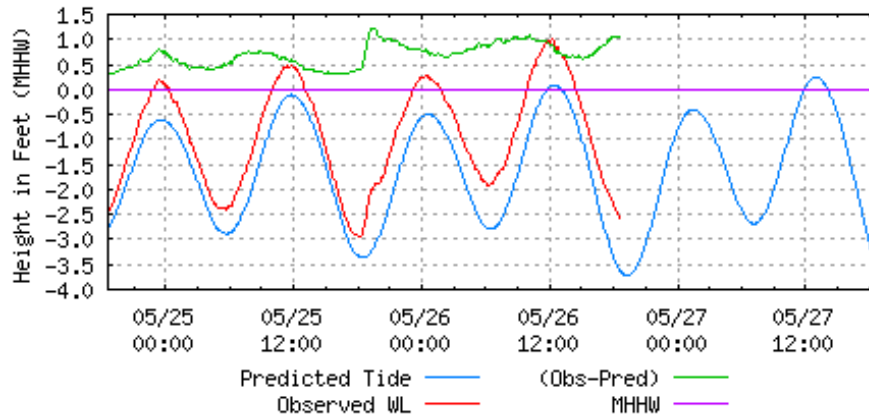


Last Observed Sample: 05/26/2018 18:30 (EDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 05/26/2018 18:36 (EDT). Data relative to MHHW

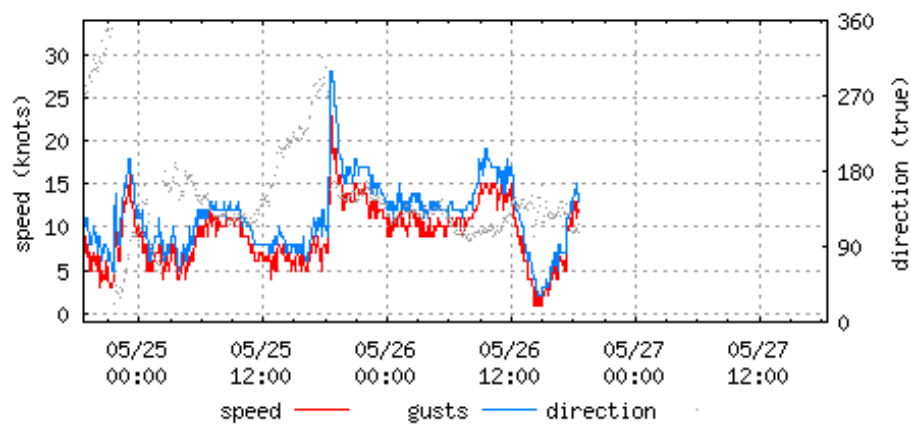
Observed: -2.57 ft. Predicted: -3.63 ft. Residual: 1.06 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/27/2018 01:27 (EDT), -0.41 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

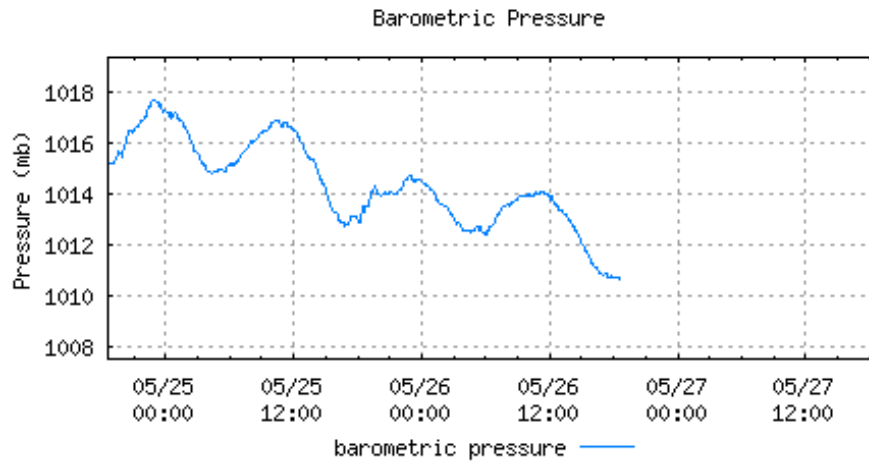
Wind Speed / Gusts / Direction



Last Observed Sample: 05/26/2018 18:36 (EDT)

Wind Speed: 12 knots Gusts: 13 knots Direction: 117° T

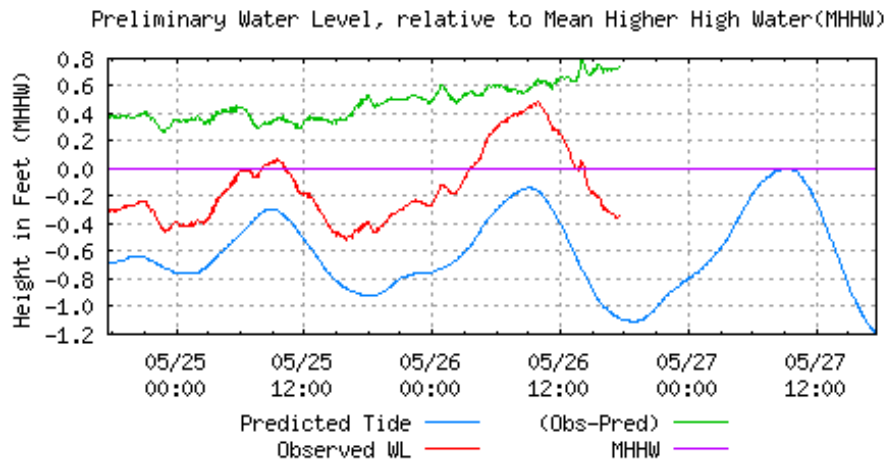
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/26/2018 18:36 (EDT)

Barometric Pressure: 1010.6 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



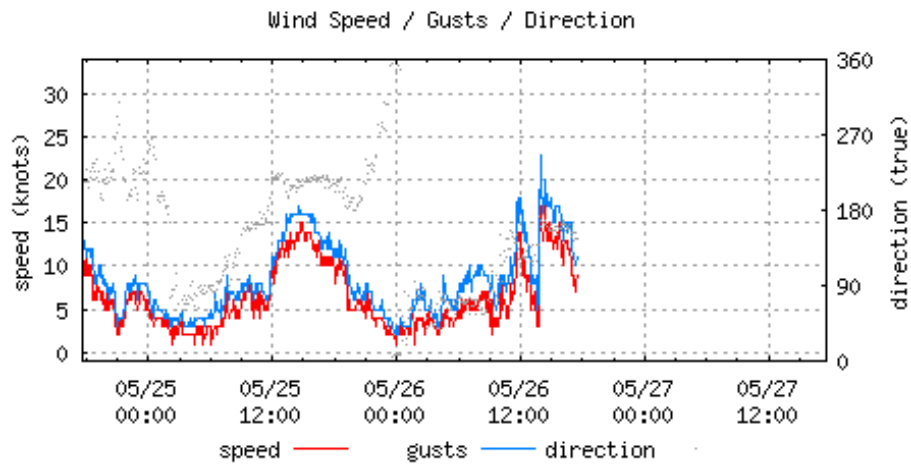
Last Observed Sample: 05/26/2018 17:36 (CDT). Data relative to MHHW

Observed: -0.35 ft. Predicted: -1.08 ft. Residual: 0.73 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/27/2018 09:15 (CDT), 0.00 ft.

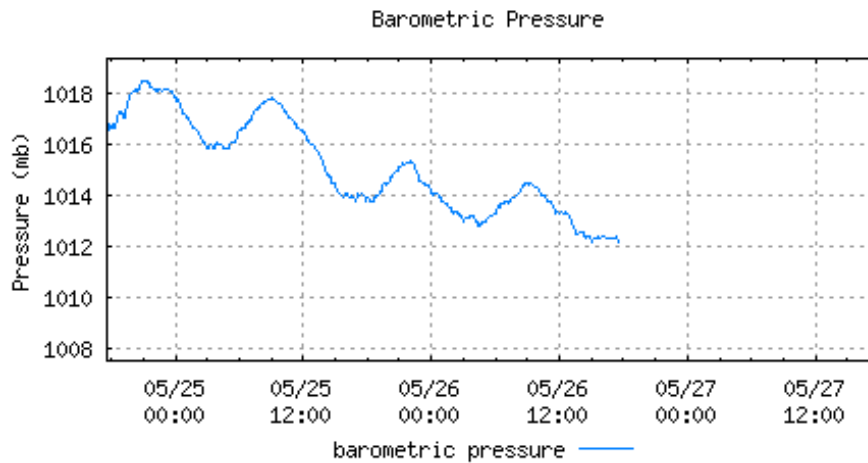
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/26/2018 17:36 (CDT)

Wind Speed: 9 knots Gusts: 13 knots Direction: 153° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL

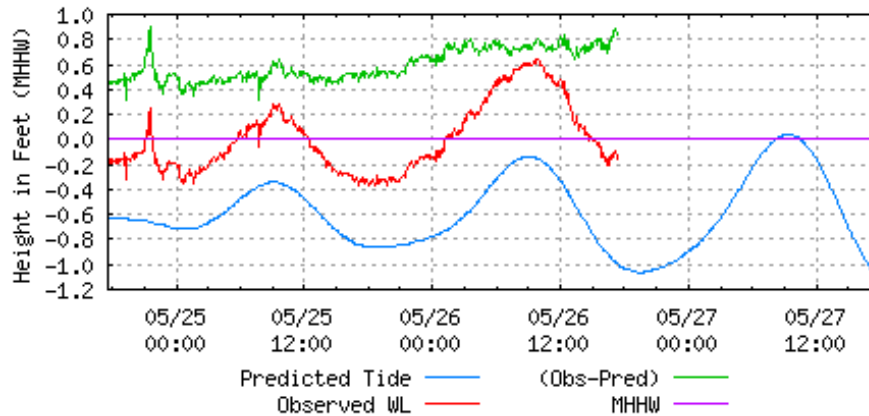


Last Observed Sample: 05/26/2018 17:36 (CDT)

Barometric Pressure: 1012.2 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/26/2018 17:30 (CDT). Data relative to MHHW

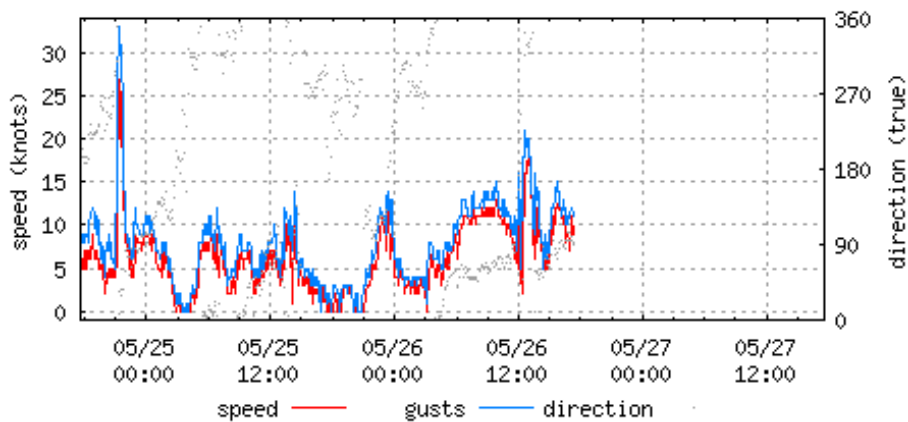
Observed: -0.14 ft. Predicted: -1.00 ft. Residual: 0.86 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/27/2018 09:21 (CDT), 0.04 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

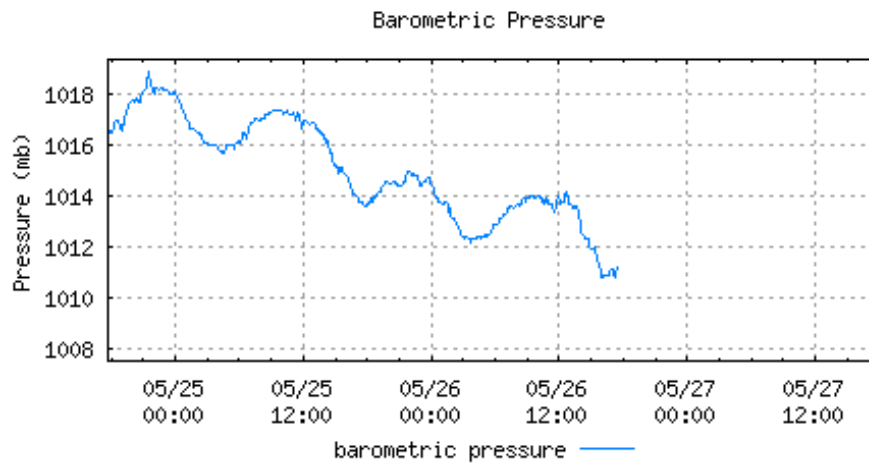
Wind Speed / Gusts / Direction



Last Observed Sample: 05/26/2018 17:30 (CDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 87° T

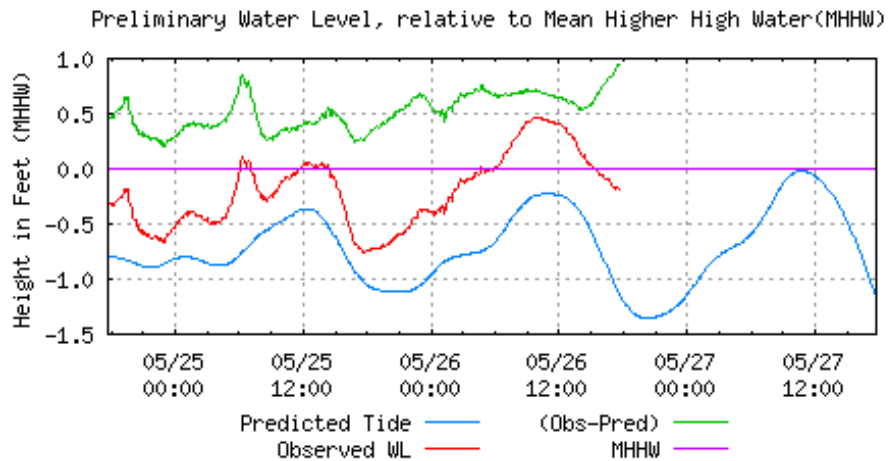
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/26/2018 17:30 (CDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



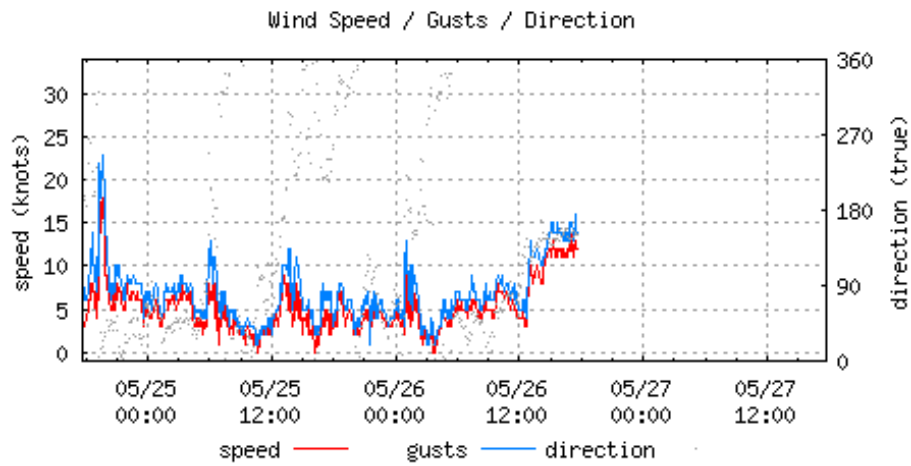
Last Observed Sample: 05/26/2018 17:36 (CDT). Data relative to MHHW

Observed: -0.18 ft. Predicted: -1.13 ft. Residual: 0.95 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/27/2018 10:41 (CDT), -0.01 ft.

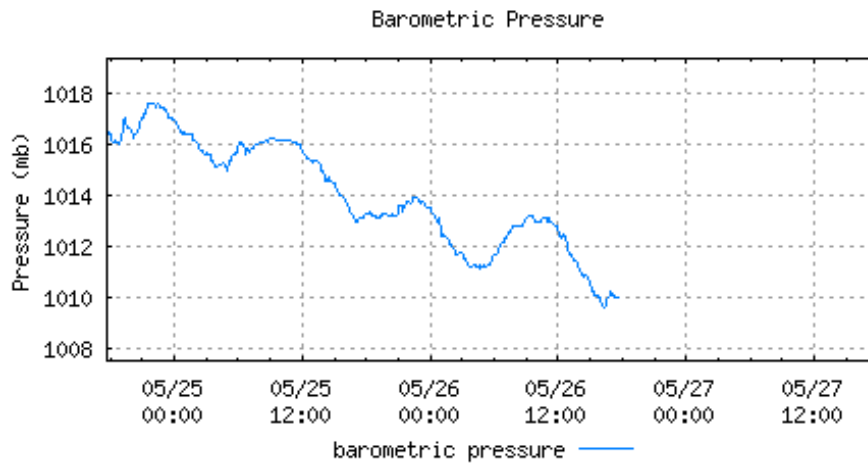
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/26/2018 17:36 (CDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 152° T

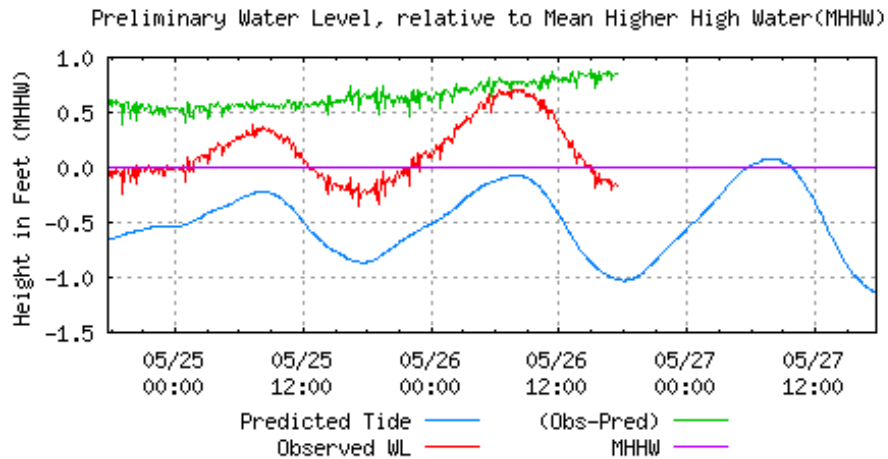
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/26/2018 17:36 (CDT)

Barometric Pressure: 1010.0 mb

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



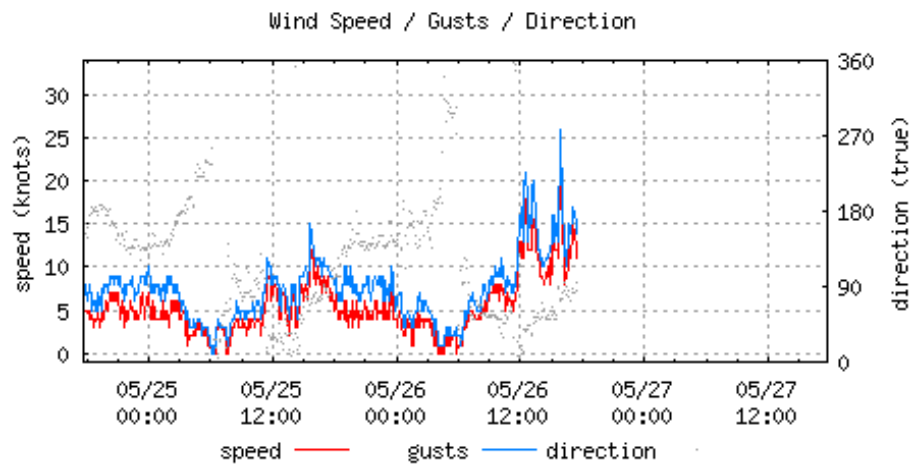
Last Observed Sample: 05/26/2018 17:30 (CDT). Data relative to MHHW

Observed: -0.16 ft. Predicted: -1.02 ft. Residual: 0.86 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/27/2018 07:57 (CDT), 0.07 ft.

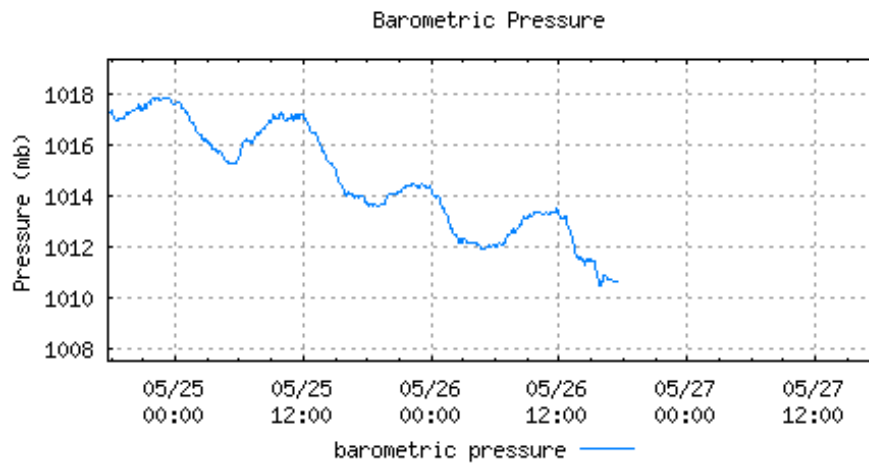
NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/26/2018 17:30 (CDT)

Wind Speed: 11 knots Gusts: 14 knots Direction: 86° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/26/2018 17:30 (CDT)

Barometric Pressure: 1010.6 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8723970	Vaca Key, Florida Bay, FL	05/26/2018 18:30 (EDT)	-0.65 ft	-0.88 ft	0.23 ft	0.29 ft
8724580	Key West, FL	05/26/2018 18:36 (EDT)	-0.57 ft	-1.12 ft	0.55 ft	0.31 ft
8725110	Naples, Gulf of Mexico, FL	05/26/2018 18:30 (EDT)	-2.40 ft	-2.57 ft	0.17 ft	0.55 ft
8726724	Clearwater Beach, FL	05/26/2018 18:30 (EDT)	-1.87 ft	-2.33 ft	0.46 ft	0.65 ft
8727520	Cedar Key, FL	05/26/2018 18:36 (EDT)	-2.57 ft	-3.63 ft	1.06 ft	0.99 ft
8729108	Panama City, FL	05/26/2018 17:36 (CDT)	-0.35 ft	-1.08 ft	0.73 ft	0.49 ft
8735180	Dauphin Island, AL	05/26/2018 17:30 (CDT)	-0.14 ft	-1.00 ft	0.86 ft	0.65 ft
8747437	Bay Waveland Yacht Club, MS	05/26/2018 17:36 (CDT)	-0.18 ft	-1.13 ft	0.95 ft	0.47 ft
8760922	Pilots Station East, S.W. Pass, LA	05/26/2018 17:30 (CDT)	-0.16 ft	-1.02 ft	0.86 ft	0.71 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce